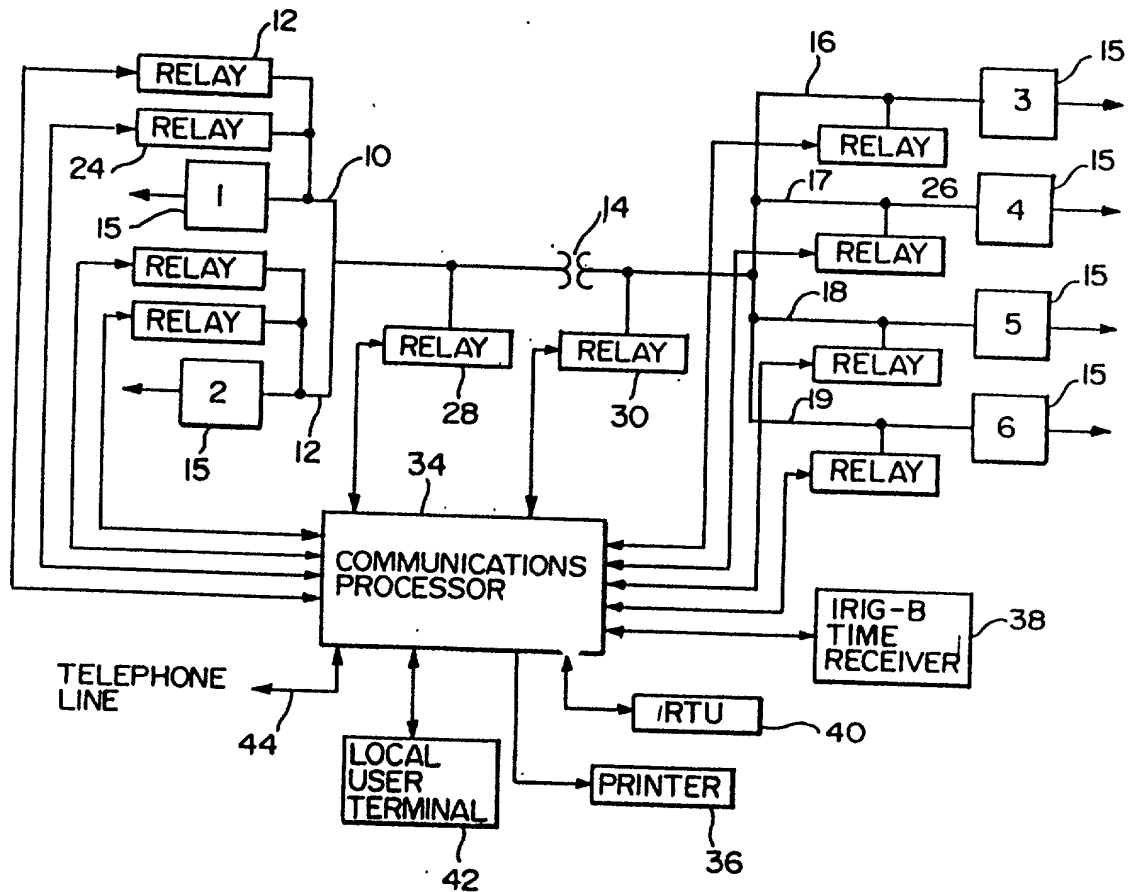


FIG. 1



LEVEL	ISR
7 (HIGHEST)	CLOCK HANDLING ISR (EVERY 1.0 Msec.)
6	FRONT PANEL SERIAL ISR
5	PORTS 13-16 ISRs
4	PORTS 9-12 ISRs
3	PORT 5-8 ISRs
2	PORT 1-4 ISRs
1 (LOWEST)	PERIODIC INTERRUPT TIMER ISR (EVERY 3.4 Msec.)

FIG. 4

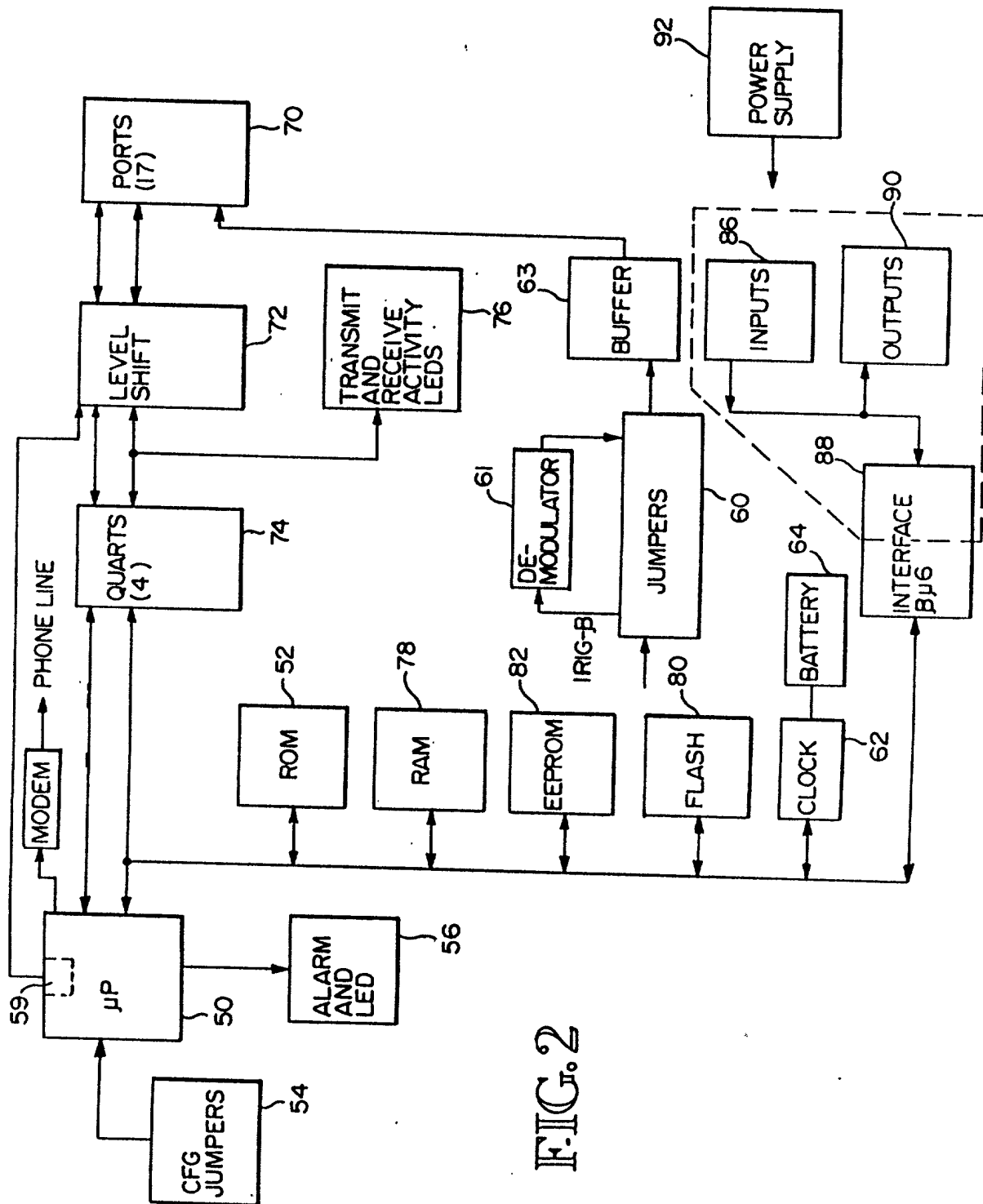
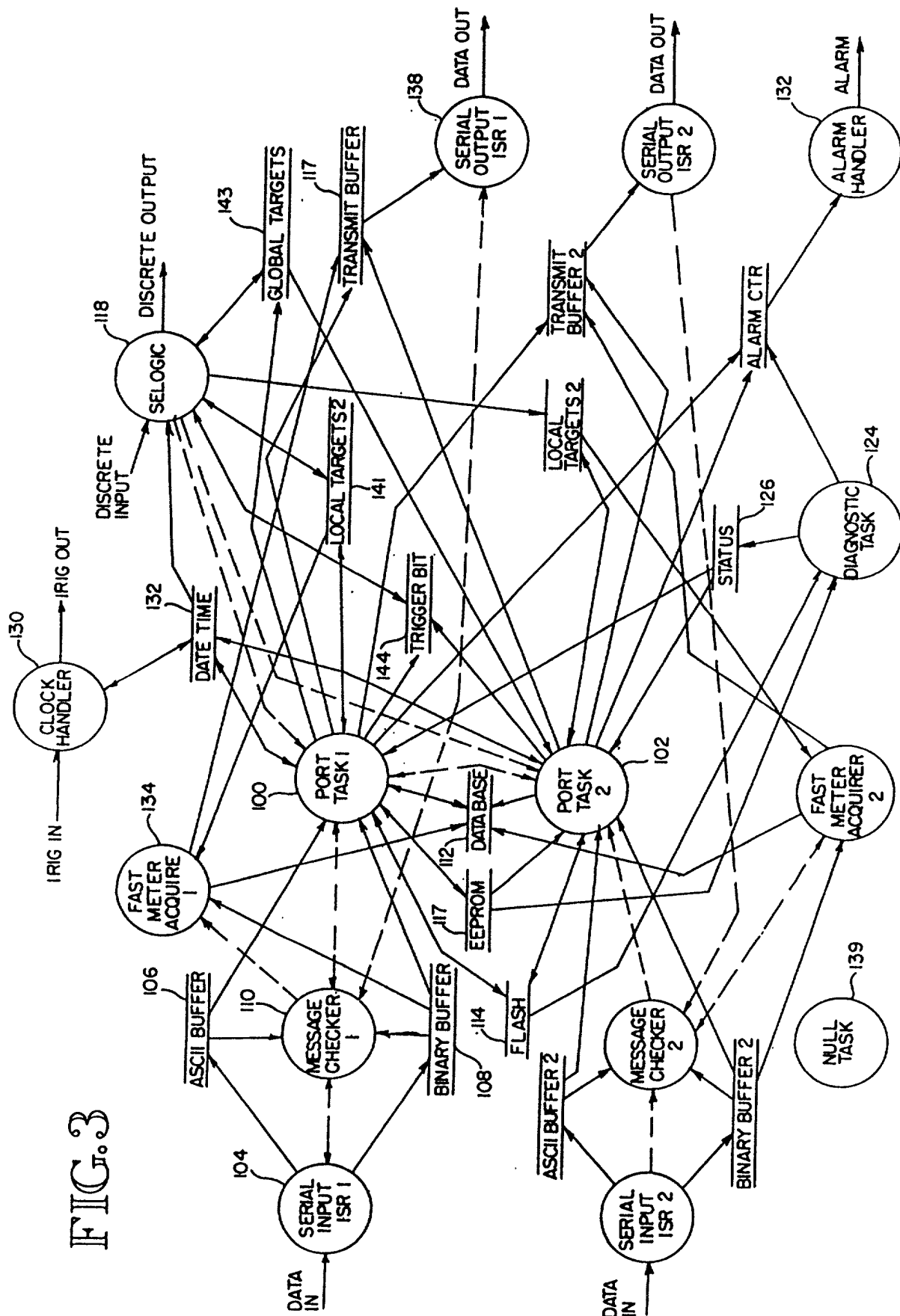


FIG. 2

FIG. 3



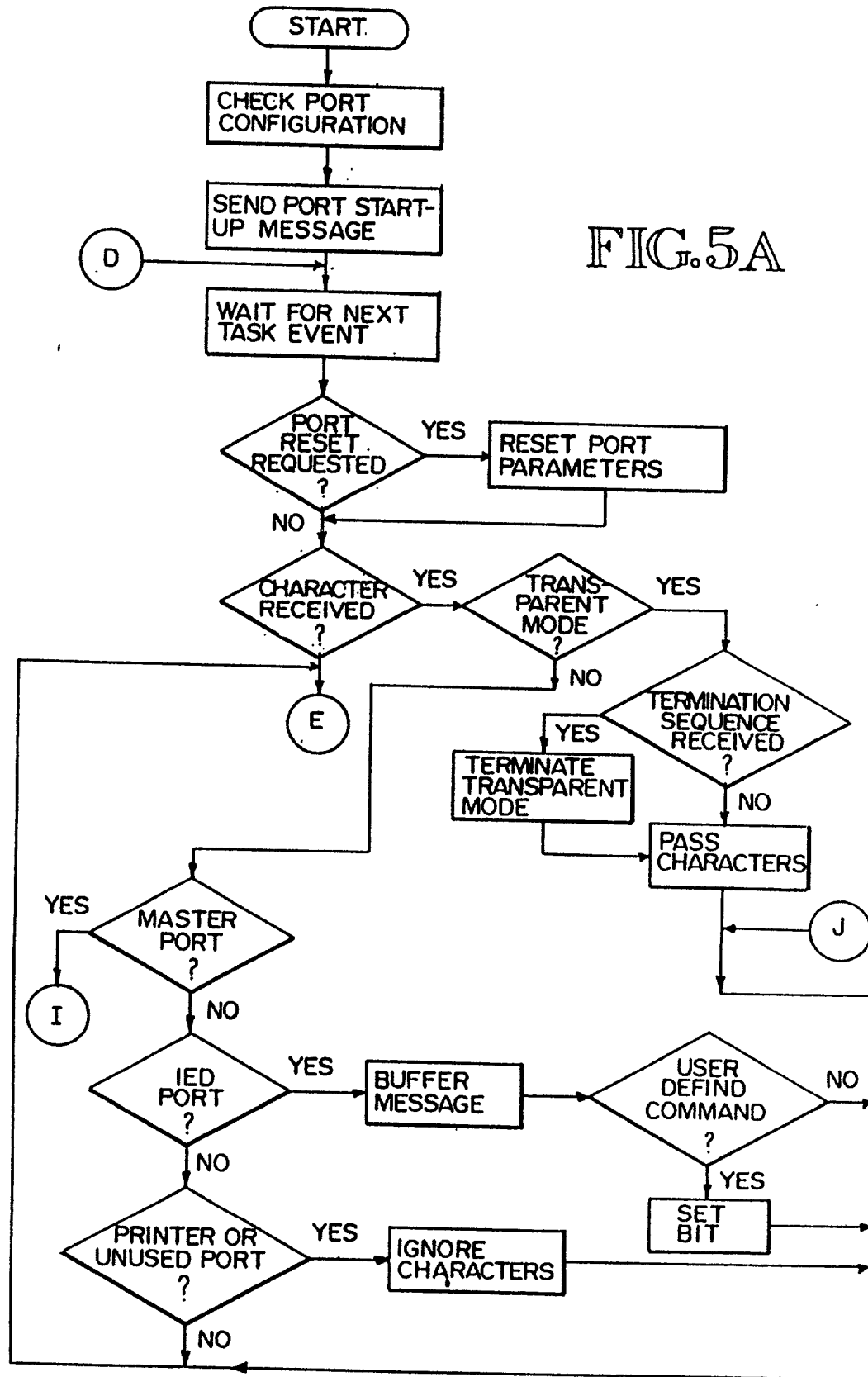
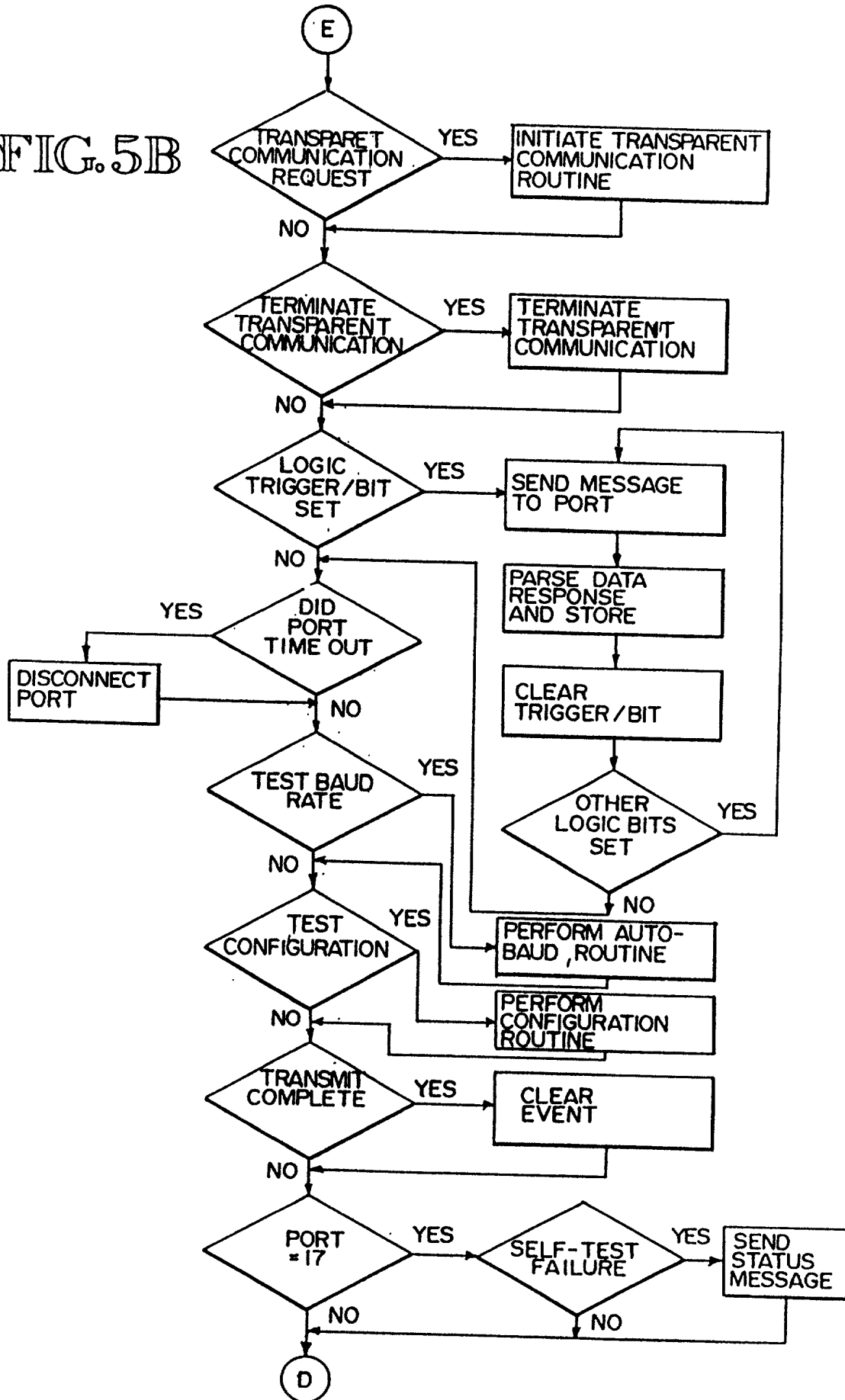


FIG. 5A

FIG. 5B



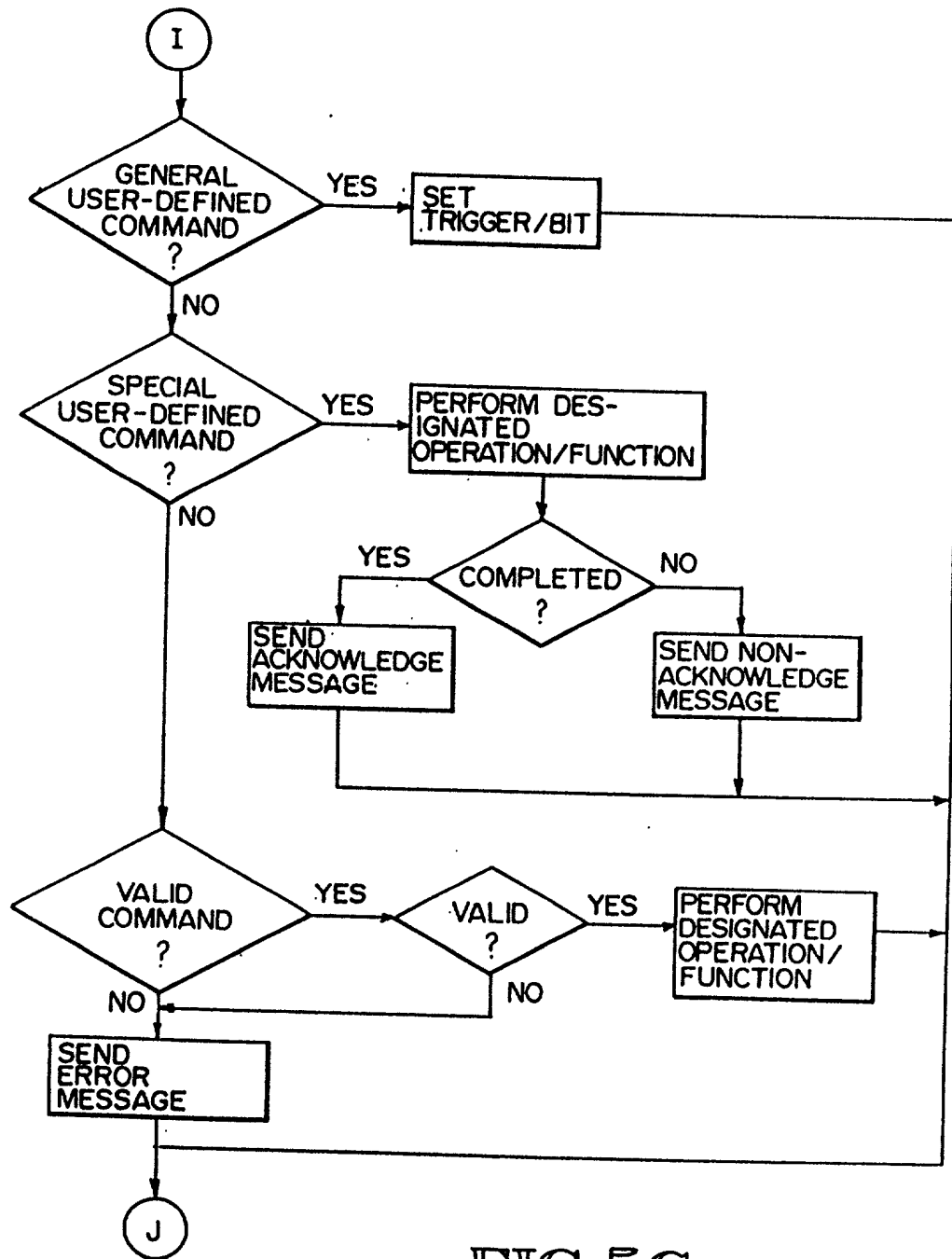


FIG.5C

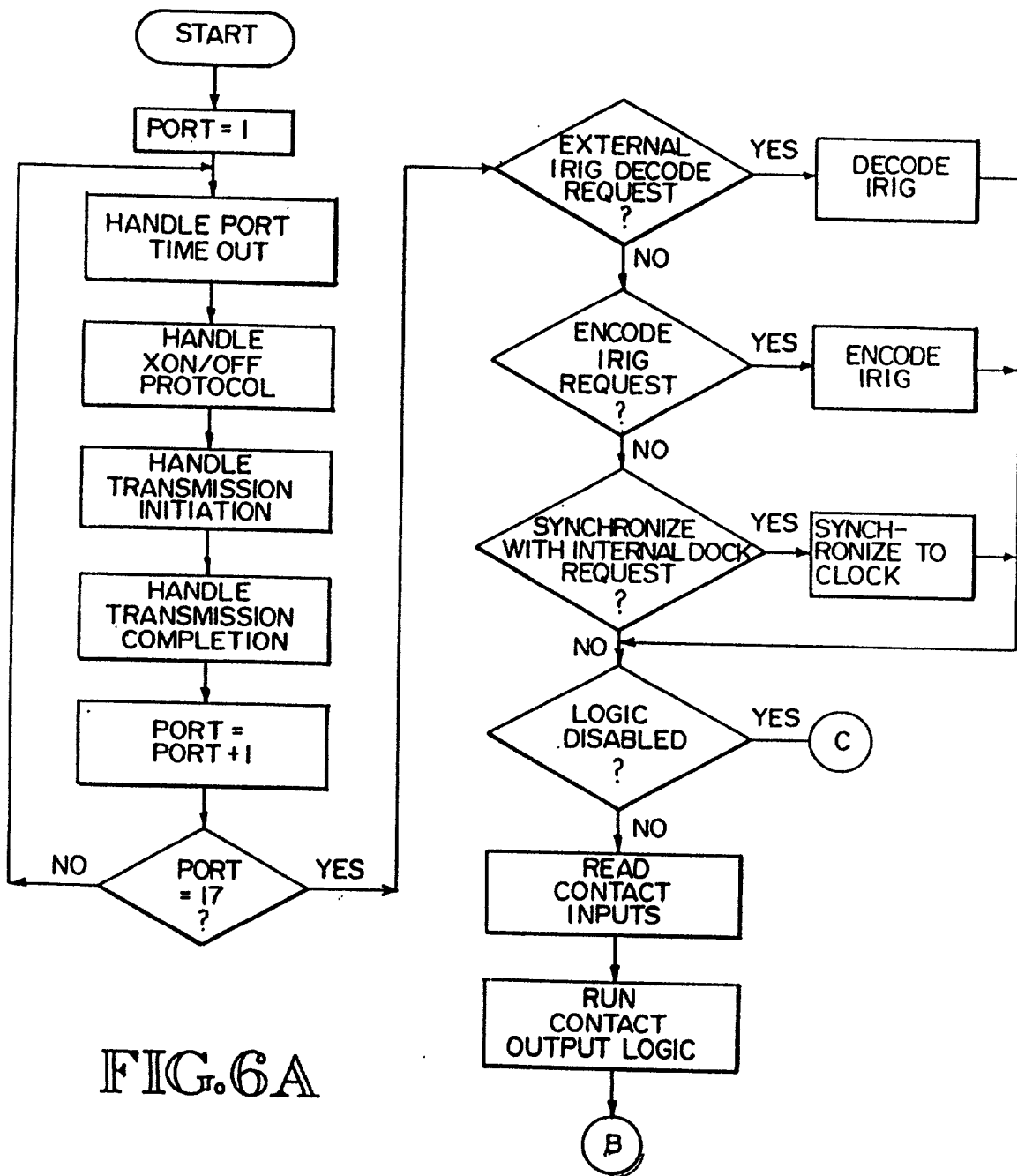


FIG. 6A

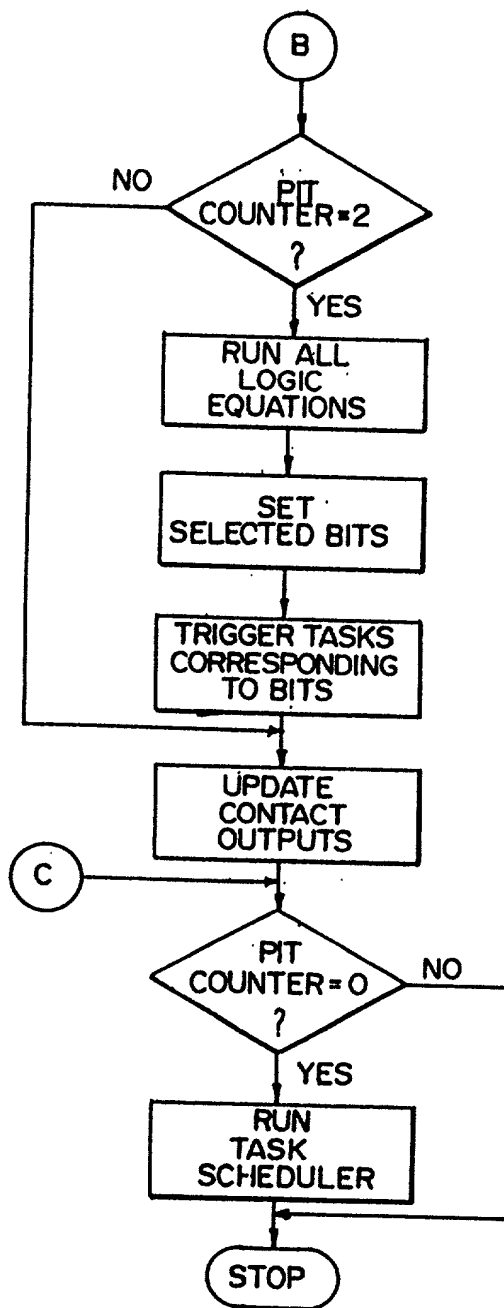


FIG. 6B